Technical Data Sheet

versalis

DUTRAL®

OCP 4530 PL

EP(D)M

Ethylene - Propylene Copolymer

Dutral® OCP 4530 PL is an Ethylene - Propylene polymer produced by suspension polymerisation using a Ziegler-Natta Catalyst.
A non-staining antioxidant is added during the production process.

Main Properties	Unit	Value
Mooney Viscosity ML 1+4(125 °C)	MU	30
MFI (190 °C / 2,16 Kg)	g/10 mins	0,5
Volatiles content	% wt	0.15 max
Ash content	% wt	0.3 max
Propylene content	% wt	28
SSI	%	47 (1)
KV (100 °C)	cSt	16 (1)

(1) 1% wt in eni SN150

Key Features

Dutral® elastomers are characterized by excellent resistance to ageing and weathering, good resistance to both high and low temperatures, low permanent set values, good resistance to a large number of chemicals.
Dutral® OCP 4530 PL is a semi-crystalline, medium-high molecular weight copolymer, designed as a viscosity index improver for lubricating oils. It has a excellent thickening power at 47 SSI.
It shows an excellent balance between thickening power and shear stability. As other semi-crystalline grades it requires a care in the selection of all the other lubricant components to avoid gelation in cold conditions. Its physical form facilitates a fast dissolution in oil.

Main Applications

Oil viscosity modifier.

Physical Form

Not free-flowing pellets in a polyethylene valve bag; typical bag weight: 20 kg.

Packaging

50 bags on wooden pallet for a total of 1000 kg (1050 x 1250 x h1550 mm).

Storage Conditions

Store in dry and vented areas, avoiding temperatures above 30 °C and direct sunlight.
Shelf life : 9 months.